



FORM PTO-1449	SERIAL NO. 10/607,246	CASE NO. 6298/432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 25, 2003	GROUP ART UNIT 3743 2701
(use several sheets if necessary)		APPLICANT(S): G. Baran

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<i>a.g.p.</i>	F1	2,857,915	10/1958	Sheridan	_____	
	F2	3,370,112	02/1968	Pierre	_____	
	F3	3,561,444	02/1971	Boucher	_____	
	F4	3,634,924	01/1972	Blake et al.	_____	
	F5	5,031,613	07/1991	Smith et al.	_____	
<i>a.g.p.</i>	F6	5,313,939	05/1994	Gonzalez	_____	

EXAMINER <i>Charles L. Lem</i>	DATE CONSIDERED <i>8/19/06</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449	APPLICATION NO. 10/607,246	ATTORNEY DOCKET NO. 6298/432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 25, 2003	GROUP ART UNIT 3743 376T
(use several sheets if necessary)	FIRST NAMED INVENTOR: George Baran	
	EXAMINER NAME: Unknown	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.	Foreign Patent Document Country Code, Number -Number- Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class/Subclass	T
<i>ajg</i>	E1	JP 05-168714	07/02/1993	Nissho Corp.	3743	Abstract Only
<i>ajg</i>	E2	JP 63-84243	06/02/1988		3743	

NOTE: For "T" – please place an "X" if an English translation is being provided to the Patent Office.

EXAMINER <i>Carol J. Lee</i>	DATE CONSIDERED 8/19/06
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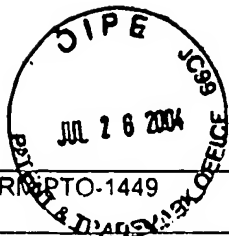


FORM PTO-149 PATENT & TRADEMARK OFFICE	SERIAL NO. 10/607,246	CASE NO. 6298/432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE June 25, 2003	GROUP ART UNIT 3743-3761
APPLICANT(S): G. Baran		

EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
A.J.L.	D1	Japanese Unexamined Utility Model Application Publication No. 62-177738, published November 11, 1987.

EXAMINER Aaron J. Lem	DATE CONSIDERED 8/19/06
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 25, 2003	GROUP ART UNIT 3743 3761
(use several sheets if necessary)	APPLICANT(S): G. Baran	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<i>a.d.</i>	C1	4,735,620	04/05/1988	Ruiz	—	

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS	
	<small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>	
<i>a.d.</i>	C2	Copy of European Search Report for Application No. 0400833.47 dated May 19, 2004

EXAMINER <i>Baran & Lem</i>	DATE CONSIDERED <i>8/19/06</i>
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MAR 15 2004
 PATENT & TRADEMARK OFFICE

PTO-1449		SERIAL NO. 10/607,246	CASE NO. 6298/432
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		FILING DATE June 25, 2003	GROUP ART UNIT 3743-3764
(use several sheets if necessary)		APPLICANT(S): G. Baran	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
a.s.	B1	442,785	12/1890	Schoettl		
	B2	606,240	06/1898	Prescott		
	B3	790,318	05/1905	Sams		
	B4	817,819	04/1906	Walkup		
	B5	970,576	09/1910	Trautmann		
	B6	1,786,394	12/1930	Tracy		
	B7	1,990,824	02/1935	Gustafsson		
	B8	2,019,941	11/1935	Tracy		
	B9	2,029,423	02/1936	Gustafsson		
	B10	2,070,695	02/1937	Tracy		
	B11	2,070,696	02/1937	Tracy		
	B12	2,204,599	06/1940	Jenkins		
	B13	2,235,708	03/1941	Jenkins		
	B14	2,271,779	02/1942	Peeps		
	B15	2,633,908	04/1953	Brierly		
	B16	2,646,314	07/1953	Peeps		
	B17	2,814,530	11/1957	Portillo		
	B18	2,942,790	06/1960	Starkey et al.		
	B19	3,269,389	08/1966	Meurer et al.		
	B20	3,306,289	02/1967	Cameto et al.		
	B21	3,484,044	12/1969	Dombruch et al.		
	B22	3,762,409	10/1973	Lester		
	B23	3,812,854	05/1974	Michaels et al.		
	B24	4,265,237	05/1981	Schwanbom et al.		
	B25	4,273,293	06/1981	Hastings		
	B26	4,495,946	01/1985	Lemer		
	B27	4,502,482	03/1985	DeLuccia et al.		
	B28	4,519,388	05/1985	Schwanborm et al.		
	B29	4,520,812	06/1985	Freitag et al.		
	B30	4,567,882	02/1986	Heller		
	B31	4,632,108	12/1986	Geil		
	B32	4,681,100	07/1987	Brychta et al.		
	B33	4,580,371	04/1986	Akhavi		
	B34	4,976,261	12/1990	Gluck et al.		
	B35	5,054,423	10/1991	Escobal		
	B36	5,143,062	01/1992	Foley		

EXAMINER <i>David J. Lem</i>	DATE CONSIDERED 8/19/06
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(use several sheets if necessary)		APPLICANT(S): G. Baran	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<i>A.J.L.</i>	B37	5,318,517	06/1994	Reiman		
	B38	5,544,648	08/1996	Fischer, Jr.		
	B39	5,565,241	10/1996	Mathias et al.		
	B40	6,119,954	09/2000	Kamath		
	B41	6,322,003	11/2001	Haruch		
	B42	6,526,976	03/2003	Baran		
<i>A.J.L.</i>	B43	6,595,202	07/2003	Ganan-Calvo		

OTHER ART - NON PATENT LITERATURE DOCUMENTS

(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER INITIAL		
<i>A.J.L.</i>	B44	Japanese Unexamined Utility Model Application Publication No. S46-21488, published July 24, 1971.
<i>A.J.L.</i>	B45	Japanese Unexamined Patent Application Publication No. S59-186563, published October 23, 1984

EXAMINER <i>Baran J. Lem</i>	DATE CONSIDERED <i>8/19/06</i>
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(use several sheets if necessary)		APPLICANT(S): George Baran

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
A. J. R.	A1	829,952	09/04/1906	W. M. Dean		
	A2	852,154	04/30/1907	M. Bariffi		
	A3	2,638,096	05/12/1953	E. A. Waldhaus		
	A4	3,788,326	01/29/1974	Jacobs		
	A5	3,144,868	08/18/1964	M. E. Jascalevich		
	A6	4,270,530	6/1981	Baum et al.		
	A7	4,319,115	3/1982	Nakai et al.		
	A8	4,327,721	05/04/1982	Goldin et al.		
	A9	4,488,548	12/18/1984	Agdanowski		
	A10	4,584,998	4/1986	McGrail		
	A11	4,622,968	11/18/1986	Persson		
	A12	4,646,733	03/03/1987	Stroh et al.		
	A13	4,655,746	4/1987	Daniels et al.		
	A14	4,661,110	04/28/1987	Fortier et al.		
	A15	4,669,463	6/1987	McConnell		
	A16	4,690,138	09/01/1987	Heyden		
	A17	4,739,756	4/1988	Horn		
	A18	4,805,609	02/21/1989	Roberts et al.		
	A19	4,819,664	4/1989	Nazari		
	A20	4,821,714	4/1989	Smelser		
	A21	4,829,996	5/1989	Noakes et al.		
	A22	4,832,012	5/1989	Raabe et al.		
	A23	4,840,172	06/20/1989	Augustine et al.		
	A24	4,881,542	11/21/1989	Schmidt et al.		
	A25	4,886,055	12/12/1989	Hoppough		
	A26	4,945,929	8/1990	Egilmex		
	A27	4,955,375	9/1990	Martinez		
	A28	5,012,804	5/7/1991	Foley et al.		
	A29	5,025,806	6/1991	Palmer et al.		
	A30	5,029,580	07/09/1991	Radford et al.		
	A31	5,031,613	7/1991	Smith et al.		
	A32	5,049,137	9/1991	Thompson		
	A33	5,060,646	10/1991	Page		
EXAMINER	Baran & Lewis		DATE CONSIDERED 8/19/06			

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
AJS	A34	5,062,423	11/1991	Matson et al.	—	
	A35	5,072,726	12/17/1991	Mazloomdoost et al.	—	
	A36	5,078,131	1/1992	Foley	—	
	A37	5,115,971	5/1992	Greenspan et al.	—	
	A38	5,116,088	5/26/1992	Bird	—	
	A39	5,119,807	06/09/1992	Roberts	—	
	A40	5,125,893	6/1992	Dryden	—	
	A41	5,146,916	9/1992	Catalani	—	
	A42	5,152,277	10/06/1992	Honda et al.	—	
	A43	5,158,536	10/1992	Sekins et al.	—	
	A44	5,167,622	12/1992	Muto	—	
	A45	5,178,138	01/12/1993	Walstrom et al.	—	
	A46	5,186,166	2/1993	Riggs et al.	—	
	A47	5,193,533	03/16/1993	Body et al.	—	
	A48	5,197,463	03/30/1993	Jeshuran	—	
	A49	5,207,220	5/1993	Long	—	
	A50	5,217,005	06/08/1993	Weinstein	—	
	A51	5,231,983	8/1993	Matson et al.	—	
	A52	5,233,979	8/1993	Strickland	—	
	A53	5,255,675	10/26/1993	Kolobow	—	
	A54	5,261,892	11/16/1993	Bertaud et al.	—	
	A55	5,285,778	02/15/1994	Mackin	—	
	A56	5,287,847	02/22/1994	Piper et al.	—	
	A57	5,287,849	2/1994	Piper et al.	—	
	A58	5,287,850	02/22/1994	Haber et al.	—	
	A59	5,291,882	3/1994	Makhoul et al.	—	
	A60	5,313,939	05/24/1994	Gonzalez	—	
	A61	5,329,921	07/19/1994	Socaris et al.	—	
	A62	5,333,607	08/02/1994	Kee et al.	—	
	A63	5,372,131	12/13/1994	Heinen Jr.	—	
A64	5,433,195	07/18/1995	Kee et al.	—		
A65	5,438,982	08/08/95	MacIntyre	—		
EXAMINER	Aaram J. Lem		DATE CONSIDERED 8/30/06			

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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
<i>a.j.s.</i>	A66	5,443,447	08/22/95	Kassis	_____	
	A67	5,480,380	01/02/1996	Martin	_____	
	A68	5,499,625	03/19/1996	Frass et al.	_____	
	A69	5,515,844	05/14/1996	Christopher	_____	
	A70	5,606,968	03/04/1997	Mang	_____	
	A71	5,611,336	03/18/1997	Page et al.	_____	
	A72	5,642,730	07/01/1997	Baran	_____	
	A73	5,803,078	09/08/1998	Brauner	_____	
	A74	5,964,223	10/12/1999	Baran	_____	
	A75	6,079,413	06/27/2000	Baran	_____	
	A76	6,082,361	07/04/2000	Morejon	_____	
	A77	6,086,529	07/11/2000	Arndt	_____	
	A78	6,102,042	08/15/2000	Hete et al.	_____	
	A79	6,237,597 B1	05/29/2001	Kovac	_____	
<i>a.j.s.</i>	A80	6,257,236 B1	07/10/2001	Dutkiewicz	_____	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
<i>a.j.s.</i>	A81	0 180 038 A1	09/1985	Europe	_____	
	A82	0 289 336 A2	2/1988	Europe	_____	
	A83	0 445 502	09/1991	Europe	_____	
	A84	0 453 234	10/1991	Europe	_____	
	A85	0 487 155	05/1992	Europe	_____	
	A86	0 587 380 A1	3/1994	Europe	_____	
	A87	0587380	3/1994	Europe	_____	
	A88	2 569 114	8/1984	France	_____	
	A89	WO 87/05522	9/1987	PCT	_____	
	A90	WO 89/05670	06/1989	PCT	_____	
	A91	WO 90/07951	07/1990	PCT	_____	
	A92	WO 93/17744	09/1993	PCT	_____	
<i>a.j.s.</i>	A93	WO 95/30448	11/1995	PCT	_____	

EXAMINER <i>Baran & Pany</i>	DATE CONSIDERED <i>8/19/06</i>
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(use several sheets if necessary)	APPLICANT(S): George Baran	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
<i>A.J.L.</i>	A94	GB 2 098 485	05/1984	Great Britain	—		
<i>A.J.L.</i>	A95	GB 2 268 286	09/1992	Great Britain	—		
<i>A.J.L.</i>	A96	185442	08/1966	Russia (USSR)	—		
<i>A.J.L.</i>	A97	812296	03/1981	Russia (USSR)	—		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
<i>A.J.L.</i>	A98	Hoover et al., "A Microspray Nozzle for Local Administration of Liquids or Suspensions to Lung Airways via Bronchoscopy," <i>Journal of Aerosol Medicine</i> , vol. 6, #2, 1993.
	A99	Wheeldon et al., Aerosolized Endotoxin in Animals, (1992).
	A100	Carlton, Graziano C.; Barker, Robert L.; Benua, Richard S.; Guy, Yvonne G; Airway Humidification With High-Frequency Jet Ventilation, <i>Critical Care Medicine</i> , vol. 13, No. 2, (1985).
	A101	Aiache, Jean-Marc; The Ideal Drug Delivery System: A Look into the Future, <i>Journal of Aerosol Medicine</i> , vol. 4, No. 4, 1991.
	A102	Wheeldon, Walker, Murphy, and Turner; Aerosolized Endotoxin in Animals, (1992).
	A103	Jager-Waldau, Reinhold; A Two-Phase-Flow Mechanical Spray Pump: A Possible Alternative To Propellant-Driven MDIs. <i>Journal of Biopharmaceutical Sciences</i> , 3(1/2), 077-084, (1992).
	A104	Niven, Ralph W.; Kacmarek, Robert M.; Brain, Joseph D.; Peterfreund, Robert A.; Small Bore Nozzle Extensions to Improve the Delivery Efficiency of Drugs from Metered Dose Inhalers: Laboratory Evaluation. <i>Am Rev Respir Dis</i> , vol. 147. pp. 1590-1594, 1993.
	A105	Taylor, Robert H.; Lerman, Jerrold; Chambers, Carole; Dolovich, Myrna; Dosing Efficiency and Particle-Size Characteristics of Pressurized Metered-Dose Inhaler Aerosols in Narrow Catheters. Presented at Annual Meeting American Society of Anesthesiologist, Las Vegas, Oct. 1990.
	A106	Hess, Dean; Inhaled Bronchodilators During Medical Ventilation: Delivery Techniques, Evaluation of Response, and Cost Effectiveness, <i>Respiratory Care</i> , vol. 39 No. 2, Feb. 1994.
	A107	Judson, Marc A.; Sahan, Steven A.; Mobilization of Secretions in ICU Patients, <i>Respiratory Care</i> , vol. 39 No. 3, Mar. 1994.
	A108	Copy of packaging for "ENDO-JET by Autovage", believed to have been published prior to June 14, 1994, 2 pages.
<i>A.J.L.</i>	A109	Copy of packaging for "EMT Emergency Medicine Tube", by Mallinckrodt Medical, dated January 1993, 4 pages.

EXAMINER <i>Baran J. Lem</i>	DATE CONSIDERED <i>8/19/06</i>
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